Requirement of electricity in the country

100. DR. GYAN PRAKASH PILANIA: Will the Minister of POWER be pleased to state:

(a) whether Government have made an assessment of the total requirement of electricity for providing electricity to the cent per cent population of the country;

(b) if so, the details of this requirement;

(c) to what extent the electricity being generated at present is less than the assessed requirement;

(d) presently, what per cent of the population has been provided with electricity cover;

(e) by when, cent per cent population is expected/targeted to be covered; and

(f) what steps the Government is taking to bridge the gap between the demand and generation of electricity in the country?

THE MINISTER OF POWER (SHRI P.M. SAYEED): (a) and (b) Yes, Sir. As per 16th Electric Power Survey the electricity demand in the country has been estimated as under:

Year	Electrical Energy requirement (MU)	Annual peak electric load (MW)
2006-07	719097	115705
2011-12	975222	157107
2016-17	1318644	212725

(c) During the year 2004-05, against the energy requirement of 591 BU total availability was 548 BU, leading to a shortage of 7.3%.

(d) As per Census 2001, 107,209,054 number of households (55.85%) has access to electricity.

(e) According to the National Common Minimum Programme, access to electricity is to be provided to all rural households within five years.

(f) The following steps are being taken by the Government to bridge the gap between demand and generation of electricity in the country;

(i) To nearly double the generating capacity during Tenth and Eleventh Plan period.

(ii) Early stabilization of newly commissioned units and overall increase in Plant Load Factor (PLF) of thermal units.

(iii) Creation of a robust National Grid for optimum utilization of generation capacity and inter-regional transmission of power.

(iv) Demand side management, energy efficiency and conservation measures.

(v) Renovation and Modernization of old and inefficient generating units.

Shortage of electricity in the States

†101. DR. MURLI MANOHAR JOSHI:
SHRI RAJ MOHINDER SINGH MAJITHA:

Will the Minister of POWER be pleased to state:

(a) whether it is a fact that power projects run by the States in the country are not generating electricity as per their installed capacity and due to this there is shortage of electricity and its production cost is also increasing;

(b) if so, the Government's reaction thereto;

(c) whether Government have formulated any national plan for increasing the production by carrying out comprehensive reforms in these projects; and

(d) if so, the details thereof?

THE MINISTER OF POWER (SHRI P.M. SAYEED): (a) and (b) Generation of electricity by the power plants *vis-a-vis* their installed capacity mainly depends on their age which has a correlation with the forced outages and performance of the plants. The power generation of State Sector power projects during the period April-October, 2005 was about 171,795 Million Unit (MU) as against a target of 177,833 MU, representing

†Original notice of the question was received in Hindi.